

1641

RAW SEQUENCE LISTING                      DATE: 05/05/2000  
 PATENT APPLICATION:    US/09/231,422A              TIME: 14:00:15

Input Set : A:\Whole PTH Seq Listing 04-12-00.txt  
 Output Set: N:\CRF3\05052000\I231422A.raw

**Does Not Comply  
 Corrected Diskette Needed**

4 <110> APPLICANT: Cantor, Thomas L.  
 5            Gao, Ping  
 7 <120> TITLE OF INVENTION: Methods, Devices, and Antibodies for Detecting Parathyroid Hormone  
 W--> 9 <130> FILE REFERENCE:  
 9 <140> CURRENT APPLICATION NUMBER: US 09/231,422A  
 11 <141> CURRENT FILING DATE: 1999-01-14  
 13 <160> NUMBER OF SEQ ID NOS: 2  
 15 <170> SOFTWARE: Microsoft Word 7.0 - ASCII format

# ERRORED SEQUENCES

17 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 7 ~~(integer length)~~  
 21 <212> TYPE: PRT  
 23 <213> ORGANISM: human parathyroid hormone peptide fragment  
 25 <400> SEQUENCE: 1  
 27 Val Ser Glu Ile Gln Leu Met  
 E--> 28 1                      5                      5  
 31 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 84  
 35 <212> TYPE: PRT  
 37 <213> ORGANISM: human parathyroid hormone peptide fragment  
 39 <400> SEQUENCE: 2  
 41 Ser Val Ser Glu Ile Gln Leu Met His Asn Leu Gly Lys His Leu  
 E--> 42 1                      5                      10  
 44 Ala Ser Val Glu Arg Met Gln Trp Leu Arg Lys Lys Leu Gln Asp  
 E--> 45                      20                      25  
 47 Val His Asn Phe Val Ser Leu Gly Val Gln Met Ala Ala Arg Glu  
 E--> 48                      35                      40  
 50 Gly Ser Tyr Gln Arg Pro Thr Lys Lys Glu Asp Asn Val Leu Val  
 E--> 51                      50                      55  
 53 Asp Gly Asn Ser Lys Ser Leu Gly Glu Gly Asp Lys Ala Asp Val  
 E--> 54                      65                      70  
 56 Asp Val Leu Val Lys Ala Lys Ser Gln  
 E--> 57                      80

*misaligned amino acid nos.*

15  
 30  
 45  
 60  
 75

VERIFICATION SUMMARY

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L:9 M:201 W: Mandatory field data missing, FILE REFERENCE

L:28 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1

L:42 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2

M:332 Repeated in SeqNo=2